PATENT

MAR 2 5 2002

THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	Gerhard Schneider and Philippe Junod
APPLICATION NO.:	10/014,738
FILING DATE:	December 11, 2001
TITLE:	Three-Dimensional Geometric Space Loop Antenna
EXAMINER:	Not yet known
GROUP ART UNIT:	2821
ATTY. DKT. NO.:	19414-06482

COMMISSIONER FOR PATENTS
WASHINGTON, DC. 20231

INFORMATION DISCLOSURE STATEMENT
Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO-1449 listing references for consideration by the Examiner. Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

☒   within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;

☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:

    ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR.§ 1.97(c); OR

    ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:

        ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR

        ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;

☐ before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:

    ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:

        ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or

        ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a

foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR.§ 1.97(c); OR

☐ after the payment of the issue fee. Applicant request that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.

☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).

☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).

☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
Gerhard Schneider and Philippe Junod

Dated: __March 13, 2002__   By: _____

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FORM PTO-1449 (REV. 6-89)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 19414-06482	Serial No. 10/014,738
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant Gerhard Schneider and Philippe Junod	
		Filing Date December 11, 2001	Group Art Unit 2821

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		6,243,079	06-05-01	Liu	345	168	07-07-98
		6,009,124	12-28-99	Smith et al.	375	267	
		5,793,359	08-11-98	Ushikubo	345	169	
		5,585,806	12-17-96	Ogino et al.	343	700	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
		WO 99/22418	06 May 99	World Organization	H01Q	1/12		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

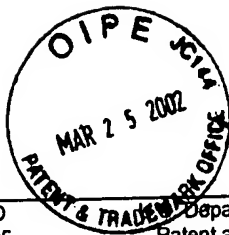|		

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449
REV: 02/01

(stamp) OIPE JC14 MAR 2 5 2002 PATENT & TRADEMARK OFFICE

(handwritten) 282 #2 /5/ +4-10-02

PTO/SB/21 (modified)
Approved for us through xx/xx/xx, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0001/PTO Rev. 10/95
Department of Commerce
Patent and Trademark Office

TRANSMITTAL FORM

(to be used for all correspondence during pendency of filed application)

Application Number	10/014,738
Filing Date	December 11, 2001
First Named Inventor	Gerhard Schneider
Group Art Unit Number	2821
Examiner Name	Not yet known

Total Number of Pages in This Submission	7*	Attorney Docket Number	19414-06482

ENCLOSURES *(check all that apply)*

- [X] Fee Transmittal Form (in duplicate)
  - [ ] Check Enclosed
- [X] Return Receipt Postcard
- [ ] Response to Notice to File Missing Parts
- [ ] Assignment & Recordation Cover Sheet
- [ ] Declaration
- [ ] Power of Attorney
- [ ] Application Data Sheet
- [X] Information Disclosure Statement & PTO-1449
  - [X] Copies of IDS Cited References
- [ ] Request for Corrected Filing Receipt
- [ ] Request for Correction of Recorded Assignment
- [ ] Amendment/Response: [ ] Page(s)
  - [ ] After Final
- [ ] Status Request
- [ ] Revocation and Substitute Power of Attorney

- [ ] Issue Fee Transmittal
- [ ] Letter to Chief Draftsperson
- [ ] Formal Drawing(s):
  - [ ] Sheet(s) of Figure(s) [ ]
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to Group *(Appeal Notice, Brief, Reply Brief)*
- [ ] Certified Copy of Priority Document(s)
- [ ] After Allowance Communication to Group
- [ ] _____
- [ ] _____
- [ ] _____
- [ ] _____
- [ ] _____
- [ ] _____
- [ ] _____

(stamp) RECEIVED APR - 1 2002 TECHNOLOGY CENTER 2800

REMARKS: *Number of pages does not include cited references

SIGNATURE OF ATTORNEY OR AGENT

Signature:	*(signature)*		
Attorney/Reg. No.:	Rajiv P. Patel, Reg. No. 39,327	Dated:	March 13, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.

Signature:	*(signature)*		
Typed or Printed Name:	Rajiv P. Patel	Dated:	March 13, 2002
Express Mail Mailing Number *(optional)*:			

19414/06482/DOCS/1253121.1

PTO/SB/17 (10-01)(modified)
OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

(Stamp) OIPE MAR 2 5 2002 PATENT & TRADEMARK OFFICE

0002/PTO(modified)
Rev. 10/2001

U.S. Department of Commerce
Patent and Trademark Office

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT

Subtotal (1) + Subtotal (2) + Subtotal (3) = **($) 0.00**

Complete if Known	
Application Number	10/014,738
Filing Date	December 11, 2001
First Named Inventor	Gerhard Schneider
Group Art Unit	2821
Examiner Name	Not yet known
Attorney Docket Number	19414-06482

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to:

☐ Charge the indicated fees to the below mentioned deposit account.

☒ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. †

☐ Applicant claims small entity status See 37 CFR 1.27

Deposit Account Number: 19-2555
Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

2. ☐ Payment Enclosed:
☐ Check ☐ Credit Card ☐ Other

FEE CALCULATION (fees effective 10/01/2001)

1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/$740	201/$370	Utility Filing	
106/$330	206/$165	Design Filing	
108/$740	208/$370	Reissue	
114/$160	214/$80	Provisional Filing	

SUBTOTAL (1) ($) 0.00

2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/$18	203/$9	Claims in excess of 20
102/$84	202/$42	Independent claims in excess of 3
104/$280	204/$140	Multiple dependent claim
109/$84	209/$42	Reissue independent claims over original patent
110/$18	210/$9	Reissue claims in excess of 20 and over original patent

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/$130	205/$65	Surcharge - late filing fee or oath	
127/$50	227/$25	Surcharge-late provisional filing fee or cover sheet	
147/$2,520	147/$2,520	For filing a request for reexamination	
115/$110	215/$55	Extension for response within first month†	
116/$400	216/$200	Extension for response within second month†	
117/$920	217/$460	Extension for response within third month†	
118/$1,440	218/$720	Extension for response within fourth month†	
128/$1,960	228/$980	Extension for response within fifth month†	
119/$320	219/$160	Notice of Appeal	
141/$1,280	241/$640	Petition to revive unintentionally abandoned application	
142/$1,280	242/$840	Utility Issue Fee (Or Reissue)	
143/$460	243/$230	Design Issue Fee	
122/$130	122/$130	Petitions to the Commissioner	
126/$180	126/$180	Submission of Information Disclosure Statement	
179/$740	279/$370	Request for Continued Examination (RCE)	
581/$40	581/$40	Recording each patent assignment per property (times number of properties)	
146/$740	246/$370	Filing a submission after final rejection (37 CFR 1.129(a))	
149/$740	249/$370	For each additional invention to be examined (37 CFR 1.129(b))	
		Other fee (specify):	
		Other fee (specify):	

SUBTOTAL (3) ($) 0.00

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		(Col. 1) No. of Existing Claims		(Col. 2) Highest No. Previously Paid For	(Col. 3) Extra**	Fee		Fee Due
	For							
	TOTAL		minus*	20 or 0	=	x	=	
	INDEP		minus*	3 or 0	=	x	=	
	[ ] First presentation of multiple dependent claim						=	

* Subtract the greater number of Col. 2
** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) ($) 0.00

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Rajiv P. Patel	Reg. Number	39,327
Signature	*(signature)* Raj Patel	Date	March 13, 2002

19414/06482/DOCS/1453124.1

† Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby